

FIG. 1

200

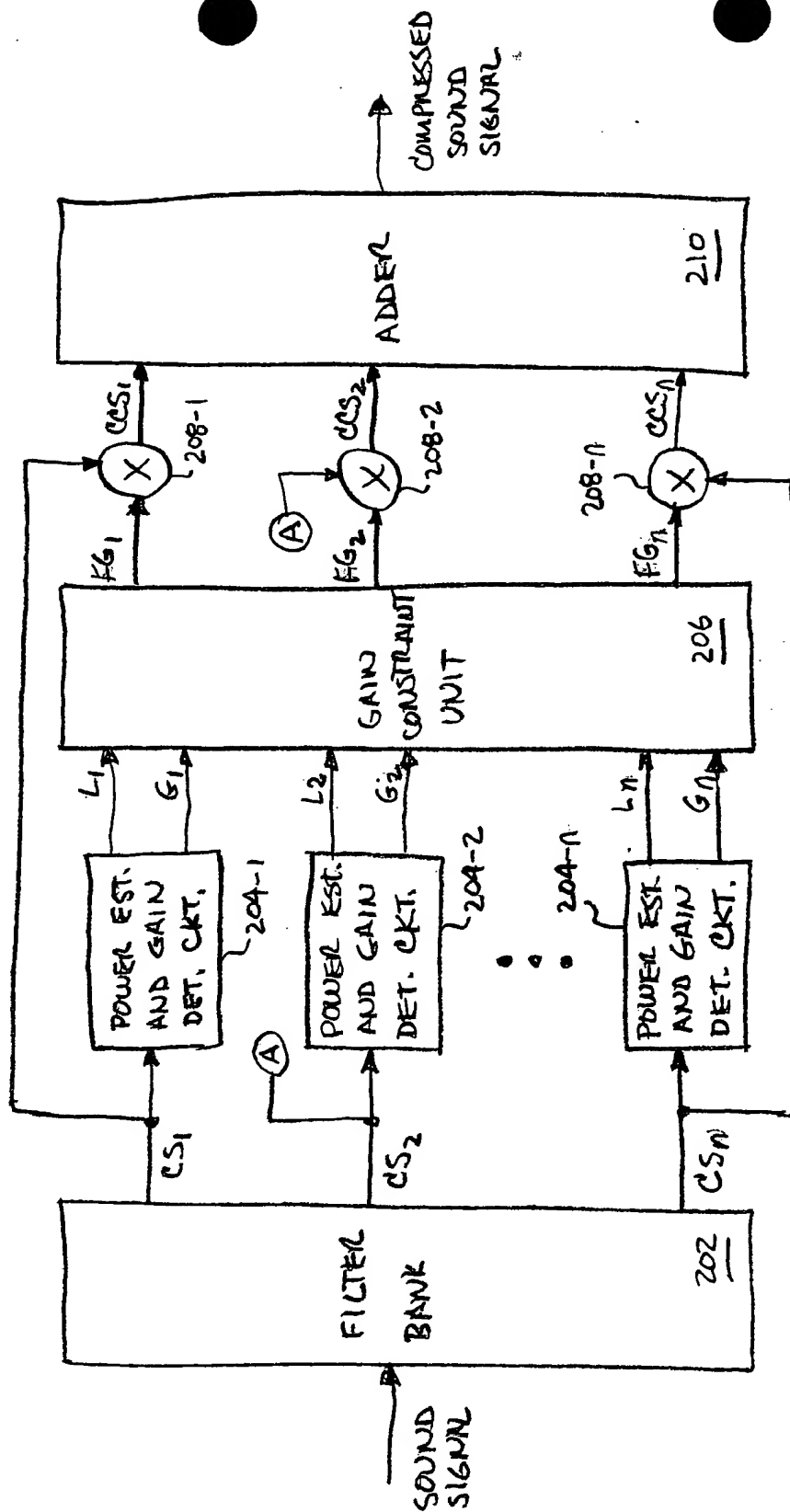


FIG. 2

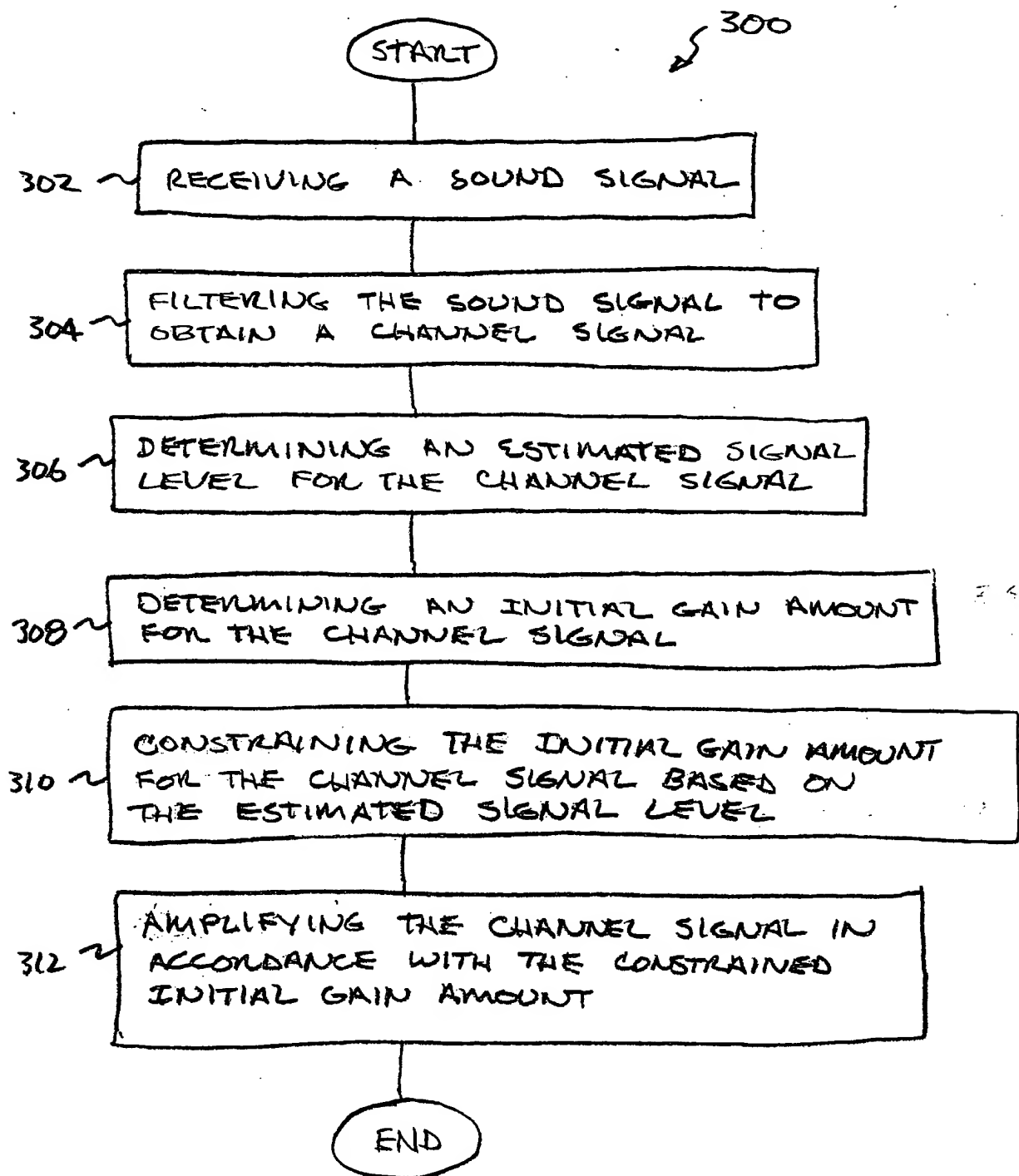


FIG. 3

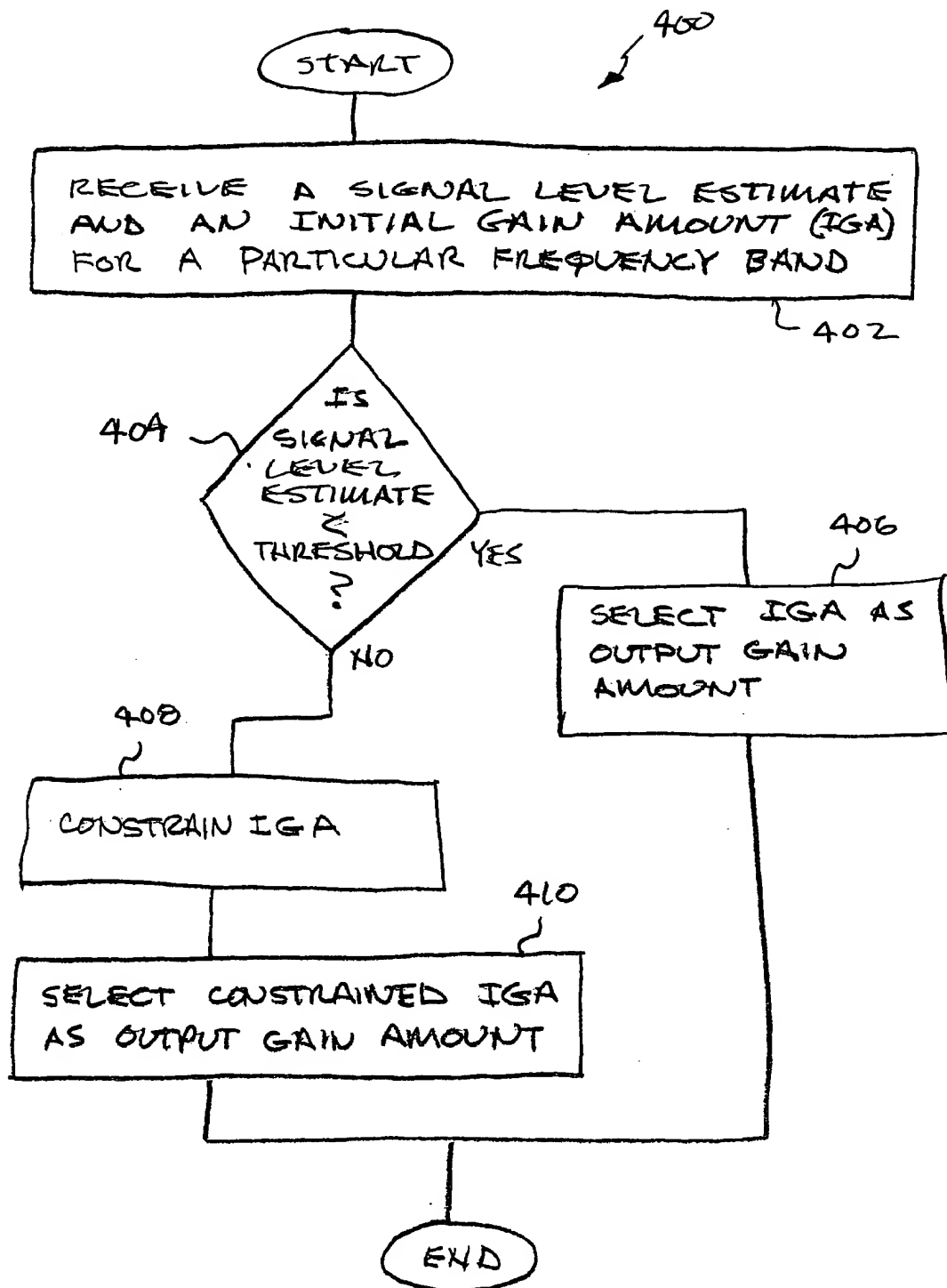
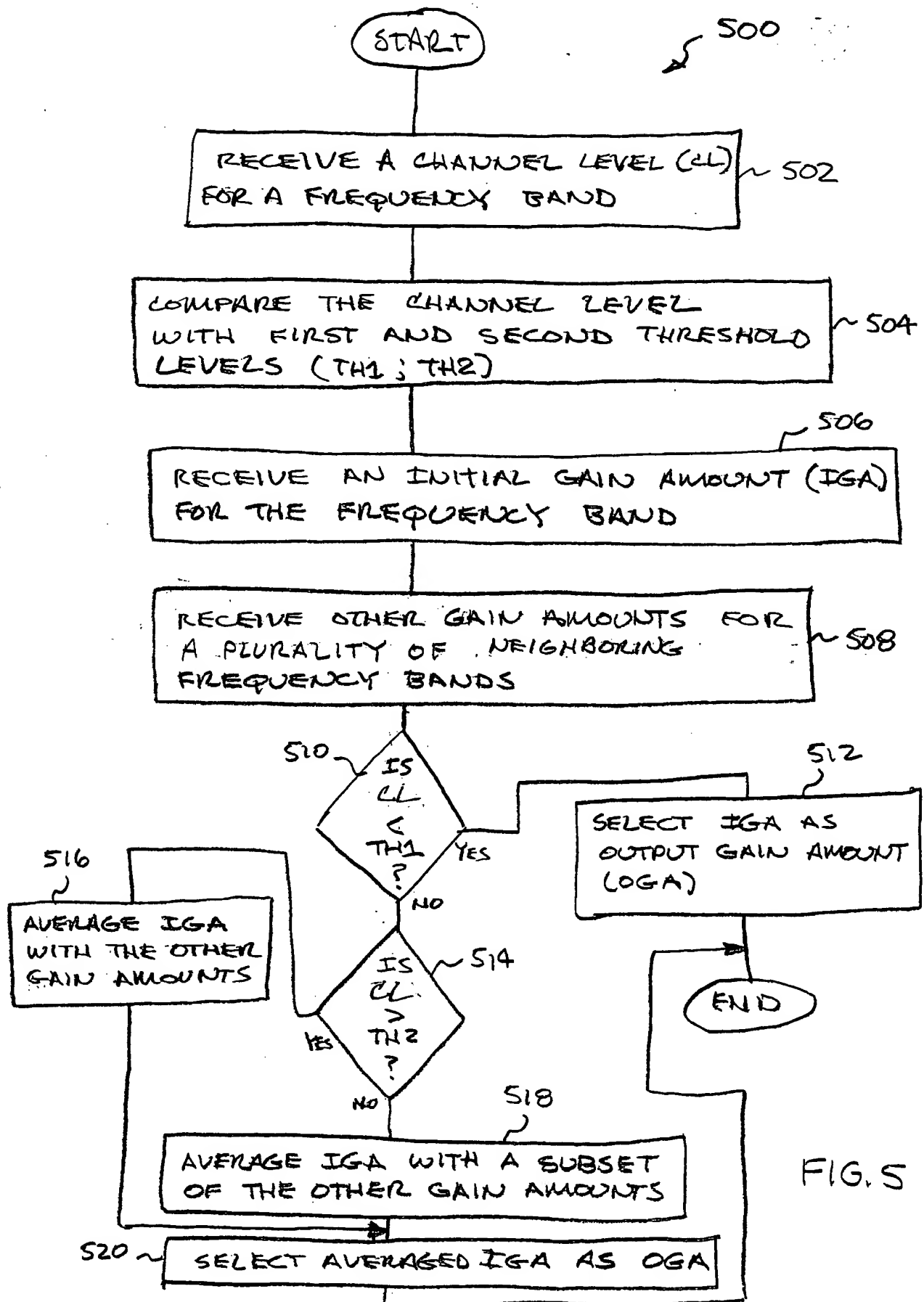


FIG. 4



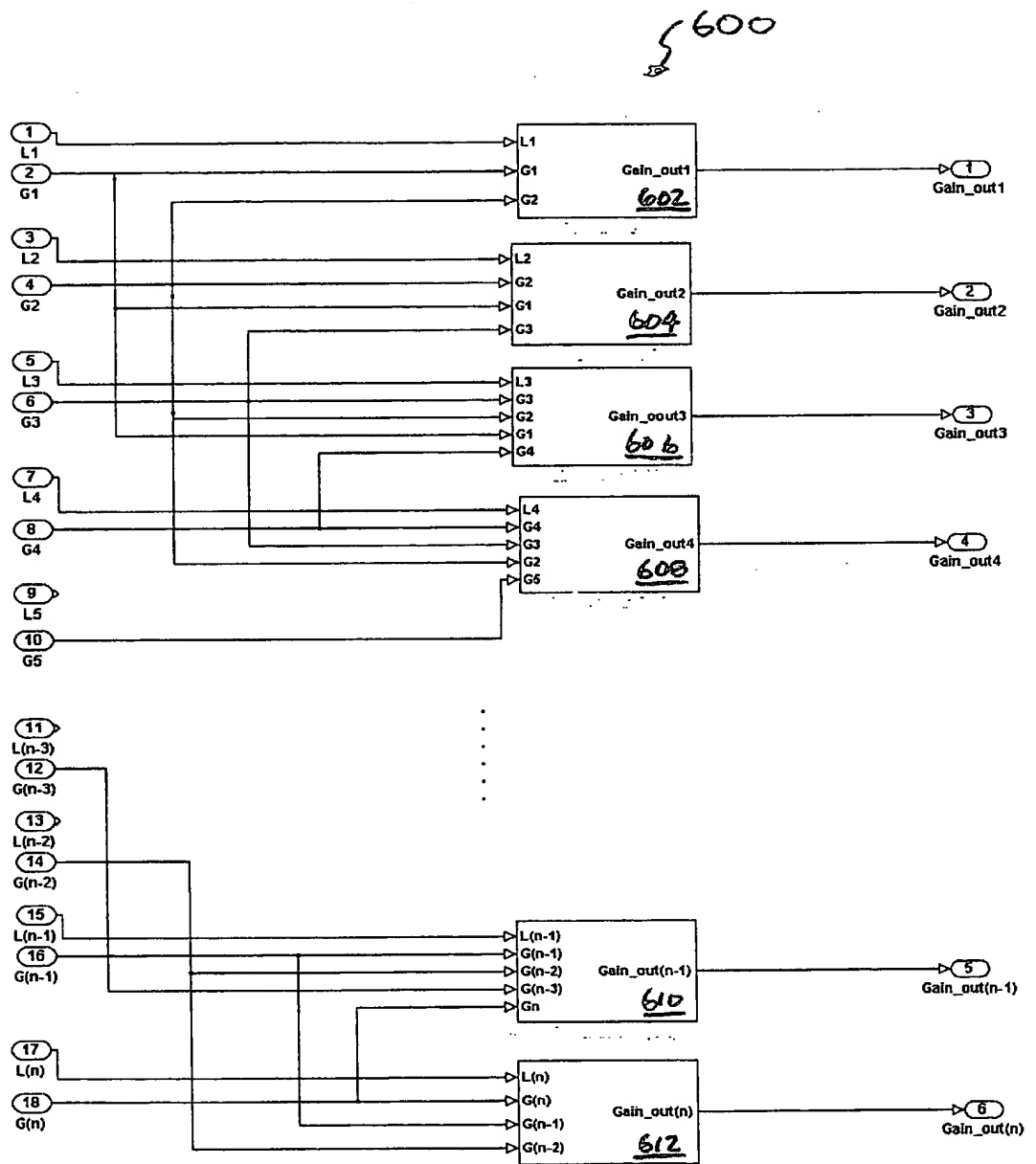


FIG. 6

FIG. 7 is a block diagram of a system 700 for processing two input signals G1 and G2. The system 700 includes a first input signal G1 (2) and a second input signal G2 (3). The first input signal G1 is processed by a first summing junction 710 and a first gain block 712. The second input signal G2 is processed by a second summing junction 714 and a second gain block 716. The outputs of the first and second gain blocks are combined in a multipoint switch 708 to produce a final output signal Gain_out1 (1). The system 700 also includes a first relational operator 702 and a second relational operator 704, which compare the outputs of the first and second summing junctions to a reference value of 1. The outputs of the relational operators are combined in a third summing junction 706 to produce a final output signal Gain_out1 (1).

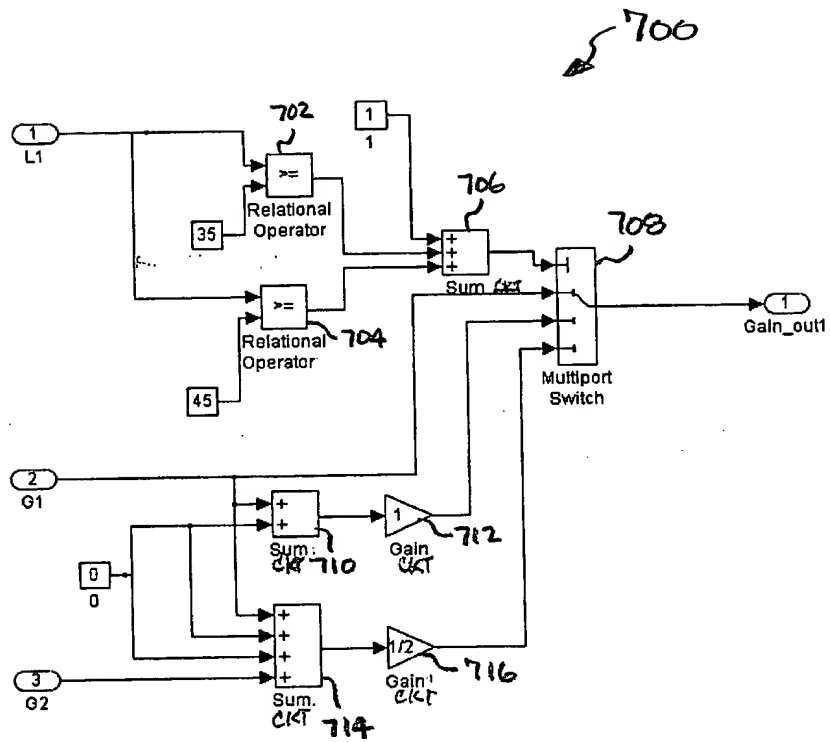


FIG. 7

FIG. 9 is a block diagram of a system 900. The system 900 includes a first input 1, a second input 2, a third input 3, a fourth input 4, and a fifth input 5. The first input 1 is connected to a first relational operator 702. The second input 2 is connected to a first summing junction 710. The third input 3 is connected to the first summing junction 710. The fourth input 4 is connected to a second summing junction 714. The fifth input 5 is connected to the second summing junction 714. The first relational operator 702 is also connected to a second relational operator 704. The second relational operator 704 is connected to a third summing junction 706. The first summing junction 710 is connected to a first gain block 712. The second summing junction 714 is connected to a second gain block 716. The first gain block 712 has a gain of 1/2. The second gain block 716 has a gain of 1/4. The outputs of the first gain block 712 and the second gain block 716 are connected to a multipoint switch 708. The multipoint switch 708 is connected to an output 1 Out1.

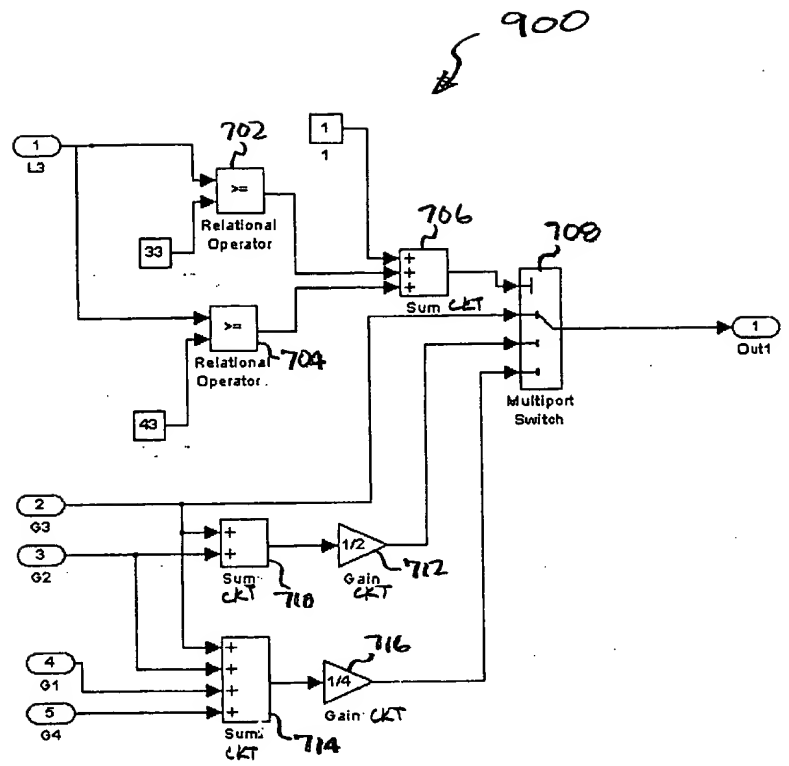


FIG. 9

1000

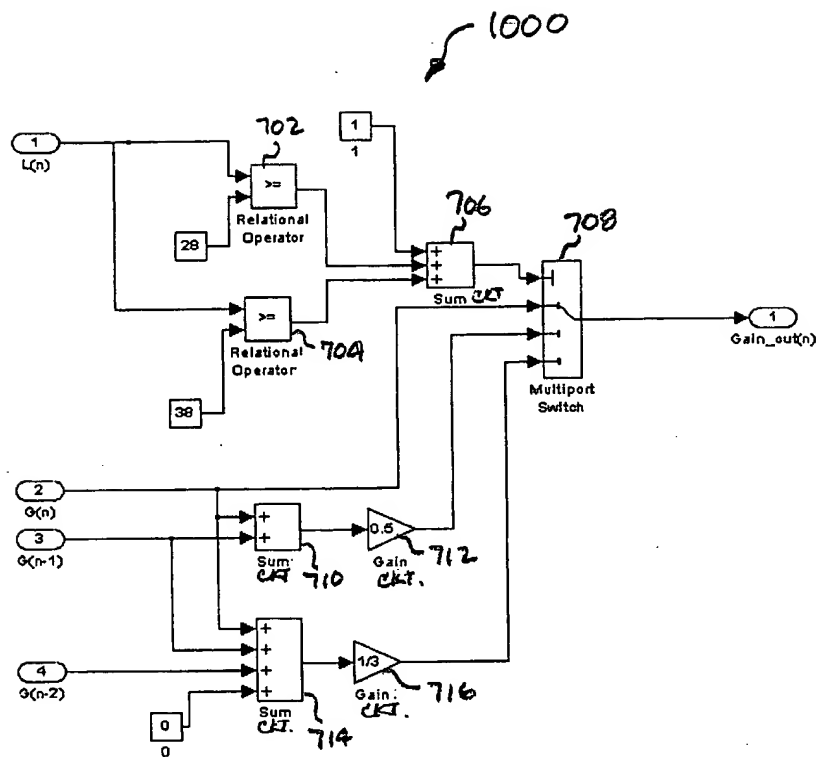


FIG. 10

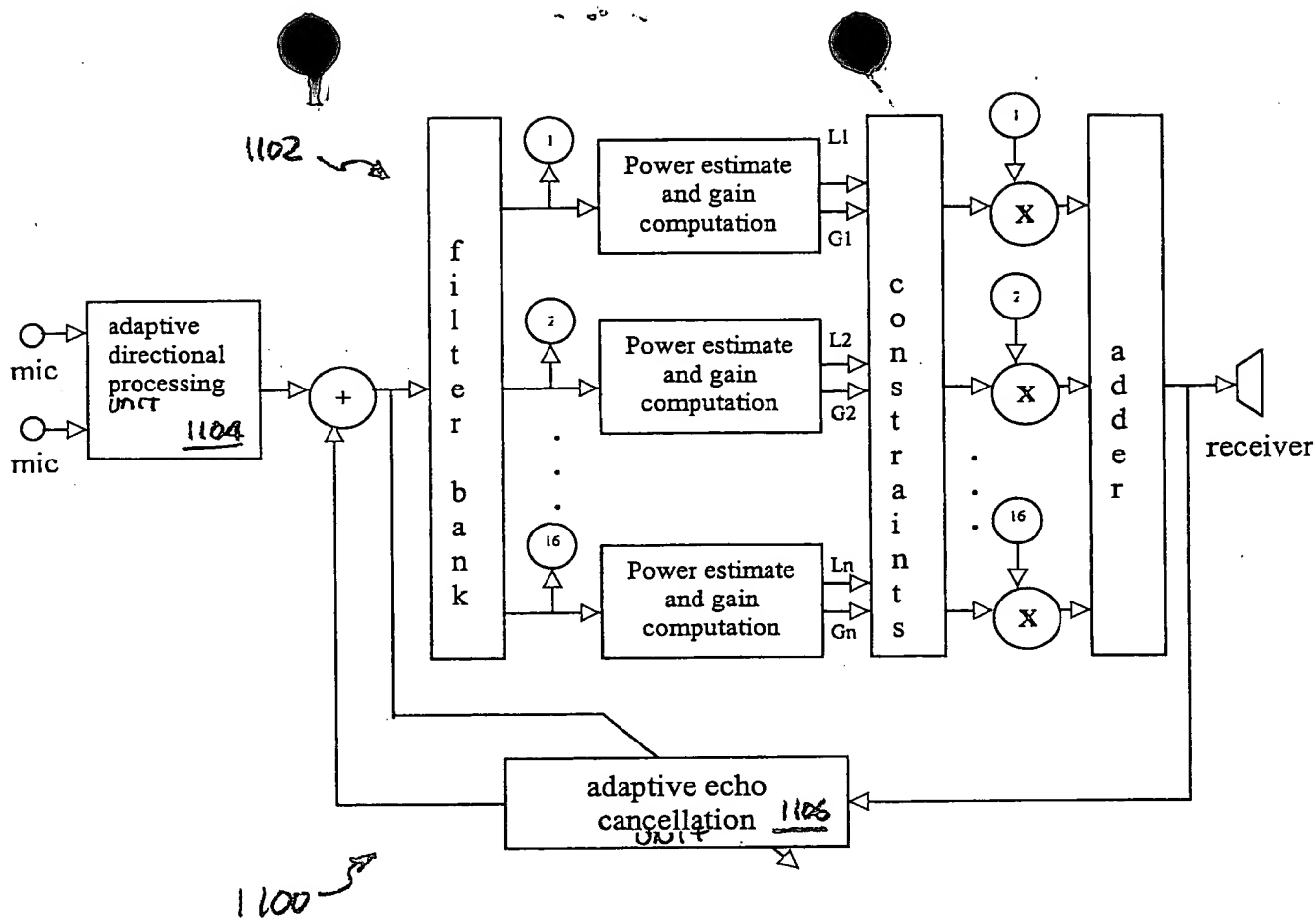


FIG. 11